
English-Taught-Courses – Winter Semester 2025/26

Some General Information: Semester Weekly Hours and Course Selection

- At the University of Kassel, exchange students are welcome to choose courses outside their faculty.
- In addition to courses taught in English, there are also courses taught in German that are supplemented with materials in English.
- In many cases, it is possible to take exams in English, even if the course is conducted in German.
- Bachelor students may enroll in Master-level courses, provided they obtain prior approval from the respective course lecturer.

ECTS Credits (European Credit Transfer and Accumulation System):

- The allocation of ECTS credits may vary depending on the course and the type of assessment (e.g., essay, presentation, exam).
- In many seminars, the number of credits awarded depends on the type and extent of coursework completed. This should always be clarified directly with the respective lecturer at the beginning of the course.
- As a general rule, 1 ECTS credit corresponds to approximately 25–30 hours of workload, including class attendance, preparation, assignments, and examinations.
- For specific details regarding ECTS credits, please refer to the examination regulations (*Prüfungsordnung*) of the respective program, or consult the course lecturer or the examination office (*Prüfungsamt*) of the relevant faculty.

Semester Weekly Hours (SWS):

- This indicates the number of hours per week a student is expected to attend a specific course during a semester.
- For example, a course with 2 SWS typically requires 2 hours of attendance per week.
- SWS only reflect contact hours; the total workload is defined by the corresponding ECTS credits.

Course Selection and Learning Agreement:

- The course selection made before arrival is usually provisional. Adjustments can be made during the first weeks of the semester in consultation with the lecturers and the faculty coordinator at the University of Kassel.
- The Learning Agreement is issued by your home university and must be signed both by the coordinator at your home university and the faculty coordinator at the University of Kassel.

Semester Dates:

- Winter semester: October – March (lectures usually from mid-October to mid-February).
- Examinations typically take place at the end of the lecture period or during the following weeks.
- Questions regarding exact examination dates should always be addressed directly to the respective lecturer.

Examinations and Assessments:

- Types of examinations vary (e.g., written exams, term papers, oral exams, or presentations).
- Students should confirm the examination requirements directly with the lecturer at the beginning of the course.

Language Requirements:

- No official German proficiency is required for courses taught in English.
- For courses taught in German, a minimum level of B1/B2 is generally recommended to follow lectures and complete coursework successfully.



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(01) FB01 - Department of Human Sciences

Contact for General Questions Silke Seuring silke.seuring@uni-kassel.de

Lecture	Type	Level
Advanced Seminar Differential and Personality Psychology -Course C- - 2 SWS	advanced seminar	Bachelor
Animal Labor: Ethics, Agency and Interdependence	online with on-site attendance	Master
From Education to Professional Excellence: Exploring Milestones in Research on Education and Human Resource Development - 4 SWS	seminar	Master
Modeling of Safety Structure according to ISO Standard 2626-2 - 4 SWS	lecture/exercise course	Master
Empirical Practice I -Course A- - 2 SWS	project seminar	Bachelor
Selected topics of developmental psychology -Course B- - 2 SWS	advanced seminar	Bachelor

(02) FB02 - Department of Humanities

At the Faculty of Humanities exchange students can receive either 5 ECTS for active participation (might include a presentation and smaller essays) or 10 credits for active participation and a written or oral exam.

Lecture	Type	Level
„Identities – Belonging – Alliances" A bilingual interdisciplinary seminar on fundamental questions of social coexistence - 2 SWS	advanced seminar	Bachelor/Master
Animal Studies - 2 SWS	introductory seminar	Bachelor/Master
Building Blocks of English - From Form to Function in the Structure of Language - 2 SWS	introductory seminar	Bachelor/Master
Building Blocks of English: How Language Makes Sense - 2 SWS	introductory seminar	Bachelor/Master
Cognitive Diversity in Language Processing - 2 SWS	advanced seminar	Bachelor/Master
Collecting Empirical Evidence in Cognitive Linguistics / Empirische Datenerhebung in der kognitiven Linguistik - 2 SWS	seminar with exercise	Bachelor/Master
Conceptualisations of sustainability - 2 SWS	seminar	Bachelor
Core Strategies for Effective Language Teaching (Block) - 2 SWS	block seminar	Bachelor/Master
Core Strategies for Effective Language Teaching - PS - 2 SWS	introductory seminar	Bachelor/Master
Crime in Literature and Culture - 2 SWS	introductory seminar	Bachelor/Master
Digital Tools for Teaching EFL - 2 SWS	advanced seminar	Bachelor/Master
Education for sustainable development - 2 SWS	block seminar	Bachelor/Master
ELT Education for Learners with Special Needs - 2 SWS	introductory seminar	Bachelor/Master
English 1: Grammar and Essay Writing - 2 SWS	exercise course	Bachelor/Master
English 2: Spoken English - 2 SWS	exercise course	Bachelor/Master
English 2: Spoken English and AI Tools for Language Learning - 2 SWS	exercise course	Bachelor/Master
English 2: Spoken English and Creative Writing - 2 SWS	exercise course	Bachelor/Master
English 3: Translation - 2 SWS	exercise course	Bachelor/Master
English 3: Translation and Advanced Essay Writing - 2 SWS	exercise course	Bachelor/Master
Environmental Health and Wellbeing - 2 SWS	seminar	Bachelor/Master
Exam Colloquium	discussion	Master
Examens- und Forschungskolloquium in FLLT - 2 SWS	discussion	Master

[Inclusion in EFL learning and teaching](#) - 2 SWS
[Inclusive Pedagogies for Teaching EFL](#) - 2 SWS
[Input and Output in Practice: Activities for the Language Classroom](#) - 2 SWS
[Integrating AI in the Language Classroom](#) - 2 SWS
[Interfaces in Sentence Structure](#) - 2 SWS
[Introduction to British and American Literatures](#) - 2 SWS
[Introduction to Drama - Shakespearian Comedy and Tragedy](#) - 2 SWS
[Introduction to Fiction: Classics of 19th and 20th Century American Fiction \(GLS\)](#) - 2 SWS
[Introduction to Linguistics](#) - 2 SWS
[Irish Literature, History and Culture](#) - 2 SWS
[Key Texts American Literature, 1920-1960](#) - 2 SWS
[Key Texts Victorian Era](#) - 2 SWS
[Language Learner Psychology in Practice - Block Course](#) - 2 SWS
[Linguistics in Focus](#) - 2 SWS
[Macbeth and King Lear: Text, Performance, Adaptation](#) - 2 SWS
[Masters Research Colloquium in Literature](#)
[Measuring the Mind: Eye-Tracking and Beyond](#) - 2 SWS
[Meeting Diverse Needs: Motivation and Differentiation in the Multilingual English Classroom](#) - 2 SWS
[Modernism\(s\): American Literature 1915-1960](#) - 2 SWS
[New York and "The New Yorker", 1925-2025](#) - 2 SWS
[OK "Introduction to EFL learning and teaching"](#) - 2 SWS
[Philosophy and Habit - The Art of Repetition](#) - 2 SWS
[Philosophy of Science: Critical perspectives on Knowledge](#) - 2 SWS
[Post Theories for the Anthropocene](#) - 2 SWS
[Practical English seminar](#) - 2 SWS
[Resistance and Resilience in Native American and African American Literature](#) - 2 SWS
[Rethoric and Athletics in Ancient Greek Philosophy: Inquiries on Virtue, Intelligence and Time.](#) - 2 SWS
[Second Language Acquisition](#) - 2 SWS
[Socio-affective strategies and motivation in the EFL classroom](#) - 2 SWS

advanced seminar	Master
introductory seminar	Bachelor/Master
advanced seminar	Bachelor/Master
advanced seminar	Bachelor/Master
advanced seminar	Bachelor/Master
Orientation + Tutorial	Bachelor/Master
introductory seminar	Bachelor/Master
introductory seminar	Bachelor/Master
Orientation + Tutorial	Bachelor/Master
introductory seminar	Bachelor/Master
exercise course	Bachelor/Master
exercise course	Bachelor/Master
advanced seminar	Bachelor/Master
exercise course	Bachelor/Master
advanced seminar	Bachelor/Master
discussion	Bachelor/Master
discussion	Bachelor/Master
introductory seminar	Bachelor/Master
lecture	Bachelor/Master
advanced seminar	Bachelor/Master
orientation course	Bachelor/Master
block seminar	Bachelor/Master
seminar	Bachelor/Master
seminar	Bachelor/Master
practical seminar	Bachelor/Master
advanced seminar	Master
seminar	Bachelor/Master
block seminar	Bachelor/Master
introductory seminar	Bachelor/Master

[Specific Learning Difficulties/ Differences in Foreign Language Learning and Teaching](#) - 2 SWS
[Researching Language – Understanding Society: Introduction to Evidence-Based Research Practice](#) - 2 SWS
[The Victorian Era \(1837-1901\)](#) - 2 SWS
[Mechanisms Operating in Communication](#) - 2 SWS

block seminar	Bachelor/Master
introductory seminar	Bachelor/Master
lecture	Bachelor/Master
introductory seminar	Bachelor/Master

(05) FB05 - Department of Social Sciences

There are two English Master programmes you can look up while looking for English taught courses, namely:

- Global Political Economy and Development M.A.
- Labour Policies and Globalisation M.A

If you are a BA student and are planning to take MA level classes, make sure to contact the professors beforehand to inform them about your intentions.

Lecture	Type	Level
Academic Standards	seminar	Master
Addressing the Socio-Ecological Transition in Latin America: A Qualitative Methodological Discussion	seminar	Master
An Introduction to Evidence-Based Social Intervention	block seminar	Bachelor
Curse or Chance? Natural Resources, Clientelism and Networks in Post-Soviet States	seminar	Master
Foundations of GPED	seminar	Master
Introduction to Labour Studies	seminar	Master
Love and Death in the Great War. A reading seminar	seminar	Bachelor
Methods	lecture	Master
Precariousness - North and South	block seminar	Master
Queer Feminist AI - Theoretical Debates and Perspectives	seminar	Master
Territoriality in social struggles (with focus on LA)	seminar	Master
The Rest Without the West? Geopolitical East-South Encounters During the Cold War	seminar	Master

(06) FB06 - Department of Architecture, Landscape Planning and Urban Planning

Lecture	Type	Level
Digital Basics - 4 SWS	seminar	Bachelor/Master
Frage und Antwort: Eine wissenschaftliche Arbeit konzipieren und durchführen - 2 SWS	seminar	Bachelor/Master
Green Infrastructure for cool cities - 2 SWS	seminar	Bachelor/Master
Infrastructures as Urban Experience: Ethnographic and Experiential Approaches - 1 SWS	block seminar	Bachelor/Master
Making Land: Economies of Rural Design and Planning in South Asia - 4 SWS	seminar	Bachelor/Master
Phygital Workshop - 2 SWS	workshop	Bachelor/Master
Populism in Planning: Gendered Leadership and Urban Transformation - 8 SWS	project	Bachelor/Master
Recherchestudio Vacancy and Governance Design - 2 SWS	seminar	Bachelor/Master
Robotic Fabrication - 4 SWS	seminar	Bachelor/Master
Seminar FG - 2 SWS	seminar	Bachelor/Master

(07) FB07 - Department of Economics and Management

At the Faculty of Economics and Management students usually receive 3 to 6 ECTS for active participation (might include a presentation and smaller essays) and a written or oral exam.

Lecture	Type	Level
Academic Writing for Economists - 4 SWS	seminar	Master
Bibliometrics - 4 SWS	seminar	Master
Business Theory and Sustainability - 4 SWS	seminar	Master
Current Topics in Public Policy - 2 SWS	seminar	Master
Digital and Sustainable Transformation of Supply Chain - 4 SWS	lecture / seminar	Master
Digital Stakeholder Management - Trends and Challenges - 4 SWS	block course	Master
Digital Sustainability: Concepts, Practices, Challenges and Futures	seminar	Master
Distribution and Pricing in the Internet Age - 4 SWS	seminar	Master
Economics of Science and Technology - 4 SWS	seminar	Master
EMBS Negotiation Management - 4 SWS	seminar	Master
EMBS Research Methods - 4 SWS	seminar	Master
Environmental Economics - 4 SWS	lecture	Bachelor
European Economics - 2 SWS	lecture	Master
Evidence-Based Economic Policy - 4 SWS	lecture	Master
Foundations of Experimental Economics - 4 SWS	lecture	Master
From Education to Professional Excellence: Exploring Milestones in Research on Education and Human Resource Development - 4 SWS	seminar	Master
Human Resource Management (Personalmanagement) - 4 SWS	lecture	Bachelor/Master
IB2 - Legal and Business English - 2 SWS	seminar	Bachelor
Intermediate Behavioral Economics	lecture	Master
Intermediate Econometrics - 4 SWS	discussion	Master
Intermediate Macroeconomics - 4 SWS	lecture	Bachelor
Intermediate Public Economics - 4 SWS	lecture/exercise course	Master
International Strategy Simulation - 4 SWS	excursion / seminar	Bachelor
Introduction to Causal Machine Learning and AI - 4 SWS	lecture	Master
Machine Learning in the Context of Digital Transformation	block seminar	Master

[Mathematics for Economists](#) - 4 SWS
[Prompt Engineering: Innovation Through Generative AI](#) - 4 SWS
[Psychology of Sustainability](#) - 4 SWS
[Public Economics](#) - 4 SWS
[Quantitative Methods of Experimental Economics](#) - 4 SWS
[R11 - Anglo-American Law](#) - 2 SWS
[Research Methods for Business](#) - 4 SWS
[R for Modern Data Analysis](#)
[Risk Management](#) - 4 SWS
[Seminar Macro and Policy](#) - 4 SWS
[Social Entrepreneurship](#) - 4 SWS
[Spatial Econometrics](#) - 4 SWS
[Supply Chain Management](#) - 4 SWS
[Supply Management](#) - 4 SWS
[The Economics of Growth](#) - 4 SWS

lecture/exercise course	Master
block seminar	Master
lecture / seminar	Master
lecture/exercise course	Bachelor
seminar	Master
lecture	Bachelor
lecture	Master
lecture	Bachelor
lecture	Master
seminar	Master
lecture / seminar	Bachelor
lecture/exercise course	Master
lecture / seminar	Master
lecture / seminar	Bachelor
lecture	Master

(10) FB10 - Department of Mathematics and Natural Sciences

Lecture	Type	Level
Advances in Theoretical Physics at the Nanoscale - 2 SWS	seminar	Master
Applied Biotechnology	lecture	Bachelor/Master
Biochemistry II (Biochemie II) - 1 SWS	seminar	Bachelor/Master
Biochemistry II (Biochemie II) - 2 SWS	lecture	Bachelor/Master
Bioinformatic methods of biotechnology	seminar	Bachelor/Master
Biological Colloquium with guest lectures - 2 SWS	discussion	Bachelor/Master
Discrete Mathematics I (Graph Theory) (Parts A and B) - 4 SWS	lecture	Bachelor/Master
Eventually Positive Semigroups - 4 SWS	lecture	Master
Excercises in Quantum Mechanics II - 2 SWS	exercise course	Master
Exercises to Eventually Positive Semigroups - 2 SWS	exercise course	Master
Professional specialization	discussion	Master
Functional Thin Films/Dünnschichtphysik	lecture	Master
Lab Course Advanced Synthetic Chemistry - 7 SWS	practical	Master
Lab Course Nanophysics	practical	Master
Lecture Applied Physical Chemistry	lecture	Bachelor/Master
Measure and Probability Theory - 4 SWS	lecture	Bachelor/Master
Methodological knowledge and project planning	miscellaneous	Master
Methods of Nanostructure Analysis	cycle of lectures	Master
Molecular Physics and Spectroscopy I (Molekülphysik und Spektroskopie I)	lecture	Master
MScNano LAP Research Internship Laboratory Astrophysics	discussion	Master
MScNano LAP Research Internship Laboratory Astrophysics	academic performance	Master
Nanobiology I - 2 SWS	lecture	Master
Nanochemistry I - 3 SWS	lecture	Master
Nanophysics I Exercises - 1 SWS	exercises	Master
Nanophysics I (Nanostrukturen aus physikalischer Sicht I) - 3 SWS	lecture	Master
Nanoscale Quantum Optics I – Basic principles - 4 SWS	lecture / seminar	Master

[Numeric of ordinary Differential Equations](#) - 4 SWS

[PMP2 Experimental Physics Seminar](#) - 2 SWS

[Quantum Mechanics II](#) - 4 SWS

[Ring lecture of the Research Training Network Multiscale Clocks](#) - 1 SWS

[Seminar Advanced Synthetic Chemistry \(Seminar Synthesechemie II\)](#)

[Seminar Applied Physical Chemistry](#)

[Special aspects of developmental genetics \(Module W5 MPO 2023, Module W7 MPO 2014\)](#)

[Theory seminar for students: Journal Club](#)

[Exercises on measure and probability theory](#) - 2 SWS

[Exercises on numerics of ordinary differential equations](#) - 2 SWS

[Exercise for Discrete Mathematics I \(Graph Theory\) \(Parts A and B\)](#) - 2 SWS

[Lecture on the profile module Developmental Genetics](#) - 2 SWS

lecture	Bachelor/Master
seminar	Master
lecture	Master
lecture series	Master
seminar	Master
seminar	Bachelor/Master
seminar	Master
seminar	Master
exercise course	Bachelor/Master
exercise course	Bachelor/Master
exercise course	Bachelor/Master
lecture	Bachelor/Master

(11) FB11 - Department of Organic Agricultural Sciences

At the Faculty of Organic Agricultural Sciences students usually receive 6 ECTS for active participation (might include a presentation and smaller essays) and a written or oral exam. Most courses you find here are from the English Master programme International Food Business and Consumer Studies and Sustainable Agricultural Studies.

Lecture	Type	Level
Agricultural English - 2 SWS	language course	Master
Agrobiodiversity and plant genetic resources in the tropics - 4 SWS	lecture	Master
Bioeconomy and sustainability - 4 SWS	seminar	Master
Consumer behaviour and consumer science - 4 SWS	seminar	Master
Critical and collective perspectives on the global food system - 4 SWS	seminar	Master
Digitalisation in agriculture - 4 SWS	seminar	Master
Digital transformation in the food sector - 4 SWS	seminar	Master
Food processing - 4 SWS	seminar	Master
Food quality management - 4 SWS	seminar	Master
Food systems governance and agriculture - 4 SWS	seminar	Master
GIS and remote sensing in agriculture - 4 SWS	lecture	Master
IFBC Applied project work	project	Master
Innovative product development - 4 SWS	seminar	Master
Intercultural communication (AGES) - 1 SWS	seminar with exercise	Master
International organic food markets and marketing - 4 SWS	lecture	Master
Livestock nutrition and feed evaluation under (sub)tropical conditions - 4 SWS	lecture	Master
Management and management accounting - 4 SWS	seminar	Master
Management of (sub-) tropical landuse systems - 4 SWS	seminar	Master
Methods and advances in plant protection - 4 SWS	lecture	Master
One health: human, animal and environmental interactions - 4 SWS	seminar	Master
Organic agriculture in Europe - 4 SWS	seminar	Master
Organic cropping systems under temperate and (sub)tropical conditions - 4 SWS	lecture	Master
Participatory research methods for sustainability - 4 SWS	seminar	Master
Principles of organic farming - 4 SWS	seminar	Master

[Programming and measurements in soil and agrohydrology](#) - 4 SWS

seminar

Master

[Quality management and certification of organic products](#) - 4 SWS

seminar

Master

[Research methods and data science in the life sciences](#) - 4 SWS

seminar

Master

[Research methods in social science](#) - 4 SWS

seminar

Master

[Scientific working and publishing](#) - 2 SWS

seminar

Master

(14) FB14 - Department of Civil and Environmental Engineering

Lecture		Type	Level
Tracers in Hydrology - 2 SWS		lecture	Master

(15) FB15 - Department of Mechanical Engineering and Mechatronics

Contact for General Questions Fatih Meral f.meral@uni-kassel.de

Lecture	Type	Level
Advanced Thermodynamics – 4 SWS	lecture	Bachelor/Master
Heat and Mass Transfer with Phase Change – 6 SWS	lecture	Bachelor/Master
Technical Applications of Refrigeration and Heat Pump Technology – 4 SWS	lecture	Bachelor/Master
Thermodynamics of Mixtures – 4 SWS	lecture	Bachelor/Master
Thermodynamics of chemical Reactions – 3 SWS	lecture	Bachelor/Master
Sustainable Energy and Mass Conversion – 1-3 SWS	lecture / seminar	Bachelor/Master
Multiphase Systems and Transport Processes – 1-3 SWS	seminar	Bachelor/Master
Heat and Mass Transfer with Phase Change – 1-3 SWS	laboratory course	Bachelor/Master
Technical Applications of Refrigeration and Heat Pump Technology – 1-3 SWS	laboratory course	Bachelor/Master
Process Engineering I - Fundamentals of Distillation – 3 SWS	laboratory course	Bachelor/Master
Process Engineering III - Thermodynamics & Materials Engineering – 3 SWS	laboratory course	Bachelor/Master
Sustainable Materials in Process Engineering I – 6 SWS	laboratory course	Bachelor/Master
Sustainable Materials in Process Engineering III – 6 SWS	laboratory course	Bachelor/Master
Materials processing with ultrashort pulsed lasers - 4 SWS	lecture	Bachelor/Master
Sustainable Materials	lecture	Bachelor/Master

(16) FB16 - Department of Electrical Engineering and Computer Science

At the Faculty of Electrical Engineering and Computer Science students usually receive 6 ECTS for active participation (might include a presentation and smaller essays) and a written or oral exam in the courses with at least 4 hours weekly).

Lecture	Type	Level
Adaptive and Predictive Control - 4 SWS	lecture/exercise course	Master
Advanced Fluid Mechanics - 3 SWS	lecture/exercise course	Master
Applications of Combined Heating, Cooling & Power - 3 SWS	lecture/exercise course	Master
Applied Heat Transfer - 3 SWS	lecture/exercise course	Master
Methods for Automation for safety related Systems - 4 SWS	lecture/exercise course	Master
Bio Fuels - 2 SWS	lecture	Master
Machine Learning and Context Awareness 2 - 4 SWS	lecture/exercise course	Master
Numerical Methods of Electromagnetic Field Theory I - 4 SWS	lecture / exercise course / practical	Master
Concentrated Solar Thermal Devices - 2 SWS	lecture / seminar	Master
Control of microgrids with high share of renewable energy - 4 SWS	lecture/exercise course	Master
Conversion Processes - 4 SWS	lecture with presentation and exercises	Master
Current Topics in Electromagnetic Field Theory - 2 SWS	seminar	Master
Digital Communication Over Fading Channels - 2 SWS	lecture	Master
Digital Communication Over Fading Channels (lab) - 1 SWS	practical	Master
Digital Communications Project Work	project work	Master
Digital Communication Through Band-Limited Channels - 3 SWS	exam	Master
Electromagnetics Project Work - 4 SWS	project work	Master
Energy and Environmental Context, Energy Transition and Sustainable Development - 2 SWS	lecture/exercise course	Master
Energy and Environmental Management Systems - 2 SWS	lecture/exercise course	Master
Energy Storage - 2 SWS	lecture with workgroups	Master
Engineering Economics and Feasibility Studies for REEE - 2 SWS	lecture	Master
Engineering Mathematics - 5 SWS	lecture/exercise course	Master
Engineering Thermodynamics - 2 SWS	lecture/exercise course	Master
Environmental Issues and Managing the Effects (Global Climate Change) - 2 SWS	lecture / seminar	Master

[Fields and waves in optoelectronic devices](#) - 3 SWS
[Fluid Mechanics](#) - 2 SWS
[Fluid Mechanics Fundamentals](#) - 4 SWS
[Forward Error Correction in Wireless Communications](#) - 2 SWS
[Functional Safety of Biomedical Systems](#) - 4 SWS
[Fundamentals in Energy Efficiency](#) - 3 SWS
[Digital Communications I](#) - 2 SWS
[Geothermal Applications](#) - 3 SWS
[Geothermal Resource Identification and Development](#) - 2 SWS
[German and Arab Language Courses Cairo](#) - 3 SWS
[Heat Transfer](#) - 2 SWS
[Heat Transfer Fundamentals](#) - 4 SWS
[Hybrid and Networked Control Systems](#) - 4 SWS

[Internet and Systems Security](#) - 4 SWS

[Digital Communications I](#) - 4 SWS
[Introduction to Digital Communications \(lab\)](#) - 1 SWS
[Introduction to Functional Safety](#) - 4 SWS
[Digital Communications II](#) - 4 SWS
[Introduction to Information Theory & Coding \(lab\)](#) - 1 SWS
[Introduction to LaTeX](#) - 1 SWS
[Introduction to MATLAB](#) - 2 SWS
[Introduction to Signal Detection and Estimation](#) - 3 SWS
[Macroeconomic Aspects of RE](#) - 2 SWS
[Material Science](#) - 2 SWS
[Matlab Fundamentals](#) - 3 SWS
[Medium Access Control \(MAC\) Protocols in Wireless Communications](#) - 2 SWS
[Microwave Integrated Circuits I](#) - 3 SWS
[Practical Training MW II](#) - 2 SWS
[Microwaves II](#) - 3 SWS
[Microwaves Project Work](#) - 4 SWS

lecture/exercise course	Bachelor/Master
lecture/exercise course	Master
lecture/exercise course	Master
Seminar	Master
lecture/exercise course	Master
lecture	Master
lecture/exercise course	Master
lecture/exercise course	Master
lecture/exercise course	Master
lecture / seminar	Master
lecture/exercise course	Master
lecture/exercise course	Master
lecture/exercise course	Master
lecture / exercise course / practical	Master
lecture/exercise course	Master
practical	Master
lecture/exercise course	Master
lecture/exercise course	Master
practical	Master
lecture/exercise course	Master
practical	Master
exam	Bachelor/Master
lecture	Master
lecture/exercise course	Master
lecture/exercise course	Bachelor/Master
seminar	Master
lecture/exercise course	Bachelor
practical	Master
lecture/exercise course	Master
project work	Master

[Mobile Internet Project Work](#) - 4 SWS
[Mobile Radio](#) - 3 SWS
[Modeling of Safety Structure according to ISO Standard 2626-2](#) - 4 SWS
[Nonlinear Control Systems](#) - 2 SWS
[Numerical Methods and Optimization](#) - 3 SWS
[Optical Metrology lab training](#) - 2 SWS
[Optimization Methods](#) - 4 SWS
[Optoelectronics Project Work](#) - 4 SWS
[Photovoltaic Devices](#) - 2 SWS
[Potentials of Bio Waste](#) - 2 SWS
[Potentials of RE in the MENA Region and Europe](#) - 2 SWS
[Power System Dynamics](#) - 4 SWS
[Practical Training Microwave Integrated Circuits I](#) - 2 SWS
[Presentation and Moderation Techniques](#) - 3 SWS
[Present Challenges in REEE](#)
[Principles of Optical Metrology](#) - 2 SWS
[Project Commissioning, Operation and Maintenance](#) - 2 SWS
[Project Management and Industrial Marketing](#) - 2 SWS
[Project Planning and Tendering](#) - 2 SWS
[Process computing](#) - 4 SWS
[PV Solar Energy Materials](#) - 2 SWS
[RF-Sensor Systems](#) - 3 SWS
[RF Sensor Systems Practical Training](#) - 1 SWS
[Safety Electronic Systems in Vehicles](#) - 4 SWS
[Semiconductor lasers](#) - 3 SWS
[Seminar Digitaltechnik: Concepts and Structures for Dynamic Runtime Reconfiguration](#) - 2 SWS
[Seminar in Communication Technologies](#) - 2 SWS
[Seminar on Selected Topics of Microwave Technology](#) - 2 SWS
[Simulation of Digital Communication Systems using MATLAB](#) - 2 SWS
[Software Defined Radio](#) - 2 SWS

project work	Master
lecture/exercise course	Master
lecture/exercise course	Master
lecture/exercise course	Bachelor/Master
lecture/exercise course	Master
practical	Master
lecture/exercise course	Master
project	Master
lecture with workgroups	Master
lecture / seminar	Master
seminar	Master
lecture/exercise course	Master
practical	Bachelor
lecture	Master
lecture / exercise / seminar	Master
seminar	Master
lecture / seminar	Master
lecture/exercise course	Master
lecture	Master
lecture/exercise course	Master
lecture/exercise course	Master
lecture/exercise course	Master
practical	Master
lecture/exercise course	Master
lecture/exercise course	Bachelor/Master
seminar	Master
seminar	Master
seminar	Bachelor/Master
practical	Master
practical	Master

[Solar Energy Collectors](#) - 3 SWS

[Solar Thermal Heating](#) - 2 SWS

[System Theory of the Energiewende](#) - 2 SWS

[Theory and Technology of Combined Heating, Cooling & Power](#) - 2 SWS

[Thermodynamics Fundamentals](#) - 2 SWS

[Digital Communications Project Work](#) - 4 SWS

lecture/exercise course

Master

lecture / seminar

Master

lecture

Master

lecture/exercise course

Master

lecture/exercise course

Master

project work

Master

(20) FB20 - School of Art and Design: Kunsthochschule (KHK)

Due to the distinctive study programmes and the organisational structure of the Faculty of Fine Arts, not all English-taught courses offered by the faculty are listed in our official course catalogue. Once a student has been nominated by a partner university, the application proceeds by submitting a portfolio for evaluation by the responsible professor. If the portfolio is approved, the student is admitted to a class that corresponds to his or her field of study. Furthermore, students are invited to attend lectures, workshops, and project courses within the Faculty of Fine Arts, subject to the consent of the respective instructor. We guarantee that every enrolled student will be able to obtain the required 30 ECTS credits per semester. For general inquiries, please contact Joel Baumann: jbaumann@uni-kassel.de

In order to ensure transparency and comparability of study workload, the School of Art and Design (KHK) provides the following guideline for converting Semester Hours (SWS) into Credit Points (CP). This system allows international students to better understand the expected workload of each module and to transfer credits more easily to their home institutions.

Guideline for Converting Semester Hours (SWS) into Credit Points (CP)

1. Basic Principles

- Semester Hours per Week (SWS): Number of weekly contact hours of a course during the teaching period.
- Teaching Period:
 - Winter semester: 14 weeks
 - Summer semester: 12 weeks
- Credit Points (CP): Measure of student workload representing the total study volume of a module.

2. Conversion Formula

1 SWS = 1.5 CP

3. Workload per Credit Point

1 CP corresponds to approximately 20 hours of total student workload, including contact hours, self-study, assignments, and examination preparation.

4. Calculation of Total Workload

- Formula: Workload (hours) = CP × 20
- Since CP = SWS × 1.5, this results in:
 - Winter semester contact hours: SWS × 14 weeks
 - Summer semester contact hours: SWS × 12 weeks
- Self-study: Total workload – contact hours

5. Examples

- Module with 4 SWS:
 - CP: $4 \times 1.5 = 6$ CP
 - Total workload: $6 \times 20 = 120$ hours
- Winter semester (14 weeks):
- Contact hours: $4 \times 14 = 56$ hours
 - Self-study: $120 - 56 = 64$ hours
- Summer semester (12 weeks):
- Contact hours: $4 \times 12 = 48$ hours
 - Self-study: $120 - 48 = 72$ hours

6. Notes

- This guideline ensures transparency and helps organize the study workload at the School of Art and Design, University of Kassel.
- For European recognition, the following rough conversion applies:
1 ECTS ≈ 3.2 CP